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L7: Entry 1 of 1

File: DWPI

Feb 4, 1999

DERWENT-ACC-NO: 1999-142714

DERWENT-WEEK: 200341

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TITLE: Paper laminated metal sheet providing strength, workability and good design quality

INVENTOR: IKEDA, M; ISHIMOTO, K ; KII, T ; KISHIDA, N ; NAKAMOTO, T ; NAKAMURA, H ; ISHIMOTO, T

PATENT-ASSIGNEE:

ASSIGNEE	CODE
DANTANI CORP	DANT
KOBE SEIKO SHO KK	KOBM
mitsui & co ltd	MITA
MITSUI BUSSAN CONSTR MATERIALS CO LTD	MITA
TOKYO COLOR GRAVURE IND CO LTD	TOKCN
DANTANI SANGYO KK	DANT
KOBE STEEL LTD	KOBM
MITSUI BUSSAN KK	MITA
MITSUI BUSSAN TEKKO KENZAI KK	MITSN
TOKYO COLOUR GRAVURE KOGYO KK	TOKCN

PRIORITY-DATA: 1998JP-0063752 (March 13, 1998), 1997JP-0198624 (July 24, 1997), 1997JP-0198625 (July 24, 1997), 1998JP-0063751 (March 13, 1998)

Search/Selected

Search/ALL

Clear

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> WO 9904969 A1	February 4, 1999	J	031	B32B015/12
<input type="checkbox"/> JP 11091036 A	April 6, 1999		010	B32B015/12
<input type="checkbox"/> AU 9874500 A	February 16, 1999		000	B32B015/12
<input type="checkbox"/> EP 930155 A1	July 21, 1999	E	000	B32B015/12
<input type="checkbox"/> JP 2967083 B1	October 25, 1999		010	B32B015/12
<input type="checkbox"/> JP 11320759 A	November 24, 1999		011	B32B015/12
<input type="checkbox"/> CN 1234766 A	November 10, 1999		000	B32B015/12
<input type="checkbox"/> AU 728457 B	January 11, 2001		000	B32B015/12
<input type="checkbox"/> KR 2000068604 A	November 25, 2000		000	B32B015/12

Changed to

<input type="checkbox"/> <u>US 6277468 B1</u>	August 21, 2001	000	B32B003/00
<input type="checkbox"/> <u>JP 3273756 B2</u>	April 15, 2002	009	B32B015/12
<input type="checkbox"/> <u>KR 330926 B</u>	April 3, 2002	000	B32B015/12

DESIGNATED-STATES: AU CA CN KR US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
PT SE AT BE DE FR GB IT NL

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
WO 9904969A1	May 21, 1998	1998WO-JP02252	
JP 11091036A	March 13, 1998	1998JP-0063751	
AU 9874500A	May 21, 1998	1998AU-0074500	
AU 9874500A		WO 9904969	Based on
EP 930155A1	May 21, 1998	1998EP-0921765	
EP 930155A1	May 21, 1998	1998WO-JP02252	
EP 930155A1		WO 9904969	Based on
JP 2967083B1	July 9, 1998	1998JP-0194737	
JP 11320759A	July 9, 1998	1998JP-0194737	
CN 1234766A	May 21, 1998	1998CN-0801041	
AU 728457B	May 21, 1998	1998AU-0074500	
AU 728457B		AU 9874500	Previous Publ.
AU 728457B		WO 9904969	Based on
KR2000068604A	May 21, 1998	1998WO-JP02252	
KR2000068604A	March 20, 1999	1999KR-0702415	
KR2000068604A		WO 9904969	Based on
US 6277468B1	May 21, 1998	1998WO-JP02252	
US 6277468B1	May 13, 1999	1999US-0269171	
US 6277468B1		WO 9904969	Based on
JP 3273756B2	March 13, 1998	1998JP-0063751	
JP 3273756B2		JP 11091036	Previous Publ.
KR 330926B	May 21, 1998	1998WO-JP02252	
KR 330926B	March 20, 1999	1999KR-0702415	
KR 330926B		KR2000068604	Previous Publ.
KR 330926B		WO 9904969	Based on

INT-CL (IPC): B32 B 3/00; B32 B 15/12; B32 B 27/10; B32 B 33/00

ABSTRACTED-PUB-NO: US 6277468B

BASIC-ABSTRACT:

NOVELTY - The sheet includes a single sheet of paper, laminated on at least one side of the metal sheet, with pressure sensitive adhesive layer between. There is a protective layer formed on the outermost layer on the paper laminated side. It can be processed while preventing cracks in the sheet of paper without wetting the sheet of paper with water, so that it is possible to keep a design quality of paper over a long term.

ADVANTAGE - The sheet possesses adequate strength and workability of metal, and

provides an excellent design quality which cannot normally be expected of a metal sheet, so that it is useful as a new material applicable to various fields.
ABSTRACTED-PUB-NO:

WO 9904969A

EQUIVALENT-ABSTRACTS:

NOVELTY - The sheet includes a single sheet of paper, laminated on at least one side of the metal sheet, with pressure sensitive adhesive layer between. There is a protective layer formed on the outermost layer on the paper laminated side. It can be processed while preventing cracks in the sheet of paper without wetting the sheet of paper with water, so that it is possible to keep a design quality of paper over a long term.

ADVANTAGE - The sheet possesses adequate strength and workability of metal, and provides an excellent design quality which cannot normally be expected of a metal sheet, so that it is useful as a new material applicable to various fields.

CHOSEN-DRAWING: Dwg.1/4

TITLE-TERMS: PAPER LAMINATE METAL SHEET STRENGTH WORK DESIGN QUALITY

DERWENT-CLASS: P73

CPI-CODES: A11-B09A2; A12-D04; A12-R01;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1999-103716

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: WO 9904969 A1, JP 11091036 A, AU 9874500 A, EP 930155 A1, JP 2967083 B1, JP 11320759 A, CN 1234766 A, AU 728457 B, KR 2000068604 A, US 6277468 B1, JP 3273756 B2, KR 330926 B

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INT-CL (IPC): B32 B 3/00; B32 B 15/12; B32 B 27/10; B32 B 33/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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Terms	Documents
1998JP-0063751.ap,prai.	1

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☐ 1. Document ID: WO 9904969 A1, JP 11091036 A, AU 9874500 A, EP 930155 A1, JP 2967083 B1, JP 11320759 A, CN 1234766 A, AU 728457 B, KR 2000068604 A, US 6277468 B1, JP 3273756 B2, KR 330926 B

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Same info

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Source	Abstract	Claims	KWIC	Draw D
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Terms	Documents
1997JP-0198624.ap.prai.	1

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